

Penn Cambria Curriculum

Course Name	Digital Video (Digital Media Part A)
Length of Course	.5 credits / 1 days per week for one quarter
Grade Level	9-12
Prerequisites	none
Course Description	<p>In this course, the students will obtain the knowledge to operate a digital video camera, set up different camera shots, edit video, write a script, create a storyboard, and mix music and sound into video. Students will create commercials for products, video themselves speaking about a topic of interest, and script, direct, and produce their own short film.</p> <p>This course may be combined with Digital Photography/Audio for a full credit elective (Digital Media).</p>
Units of Study	<p>Planning and Storyboarding Using a Digital Video Camera Editing Video Mixing Sound with Video</p>
Materials	<p>Text: None</p> <p>Supplemental Materials: Internet connection, video camera, templates for scripting and storyboarding</p>

Standard Alignment:

PA Academic Standards for Business, Computer and Information Technology(2012)

15.3.12. T – Demonstrate application of digital citizenship in work and personal situations.

15.4.12. A – Apply the creative and productive use of emerging technologies for educational and personal success.

15.4.12. G – Create an advanced digital project using sophisticated design and appropriate software/applications.

PA Academic Standards for Reading and Writing in Science and Technology (draft 8/6/12)

CC.3.5.11-12. D – Determine the meaning of symbols, key terms, and other domain-specific words and phrases as they are used in a specific scientific or technical context relevant to grades 11-12 text and topics.

CC.3.5.11-12. G – Integrate and evaluate multiple sources of information presented in diverse formats and media (e.g., quantitative data, video, multimedia) in order to address a question or solve a problem.

CC.3.6.11-12. C – Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.

CC.3.6.11-12. I – Write routinely over extended time frames (time for reflection and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.

Unit: Planning and Storyboarding

Estimated Time: 5 days

Curricular Objectives:

- Organize movie scenes in a comprehensible way
- Describe movie scenes in visual way

- Adjust and improve scenes before a reshoot is necessary
- Obtain feedback on scenes without having to shoot the scene
- Explain different camera shots and the purpose for using each
- Judge whether a particular camera shot is effective for a given purpose or scene

Assessments/ Measurement of Objectives:

Classroom /homework activities based on objectives

Student created projects

Suggested Methods of Instruction / Learning Activities:

Practice exercises

Direct instruction

Use of video and other online tutorials

Reading and Writing to Learn activities

Unit: Using a Digital Video Camera

Estimated Time: 25 days

Curricular Objectives:

- Operate a video camera proficiently
- Produce all of the basic video composition shots
- Use a tripod
- Shoot video that can be edited
- Produce footage for a 1 minute commercial
- Produce footage for 2 minute conversation
- Produce footage for a 7-10 minute short film

Assessments/ Measurement of Objectives:

Classroom /homework activities based on objectives

Student created projects

Suggested Methods of Instruction / Learning Activities:

Practice exercises

Direct instruction

Use of video and other online tutorials

Reading and Writing to Learn activities

Unit: Editing Video

Estimated Time: 10 days

Curricular Objectives:

- Use video creation and editing software to create and edit videos (ex: Flipshare, MovieMaker)
- Add transitions to video
- Properly cut parts of scenes from raw footage
- Cut and move scenes from one place to another in a movie
- Create proper flow of scenes to emulate continuous action

Assessments/ Measurement of Objectives:

Classroom /homework activities based on objectives

Student created projects

Suggested Methods of Instruction / Learning Activities:

Practice exercises

Direct instruction

Use of video and other online tutorials

Reading and Writing to Learn activities

Unit: Mixing Sound with Video

Estimated Time: 5 days

Curricular Objectives:

- Effectively add background music to video
- Effectively add narration and voice over to video
- Properly fade music in and out of scenes
- Use music that complements a particular scene
- Demonstrate compliance with appropriate copyright laws when adding music to video

Assessments/ Measurement of Objectives:

Classroom /homework activities based on objectives

Student created projects

Suggested Methods of Instruction / Learning Activities:

Practice exercises

Direct instruction

Use of video and other online tutorials

Reading and Writing to Learn activities